

Remarks

The amendments to the specification are supported by original figure 4 and the discussion in the original application. The amendments to the drawings are supported by the discussion of reference numerals 18c and 20 in the specification. The amendments to the claims are supported by original figures 2-4. Applicants submit that the amendment does not add any new matter to the disclosure.

Regarding the objection to the drawings, applicants submit that amended figures 2, 3c and 4b now show the location of feature 18c and clarify the presence of cathode 20. Applicants submit that the drawings are now in compliance with 37 CFR 1.84(p)(5).

Regarding the objection to the specification, applicants have modified the paragraph on page 22 of the specification as suggested in the office action. Applicants submit that the specification is now in compliance with 37 CFR 1.75(d)(1) and MPEP 608.01(o).

Regarding the objection to claims 1-3, 6 and 9, applicants have amended claims 1 and 5 to clarify the formation of the function layer and the presence of the trench walls over the function layer. Applicants have also clarified that "other portions" refers to other portions of the function layer and revised the format of claims 6 and 9. Applicants submit that these changes overcome the objections raised in the office action.

The invention centers on a novel electroluminescent device and method for creating it. The device is characterized by presence of trench walls above the function layer and by dopant concentration in the function layer which is less in the region below the trench walls. The method is characterized by the formation

of trenches and by doping the function layer by providing a dopant solution along the trenches. The result is a device that can have a high definition color pattern and economical method for producing it.

Yu et al. discloses the formation of a substrate (10) with walls (30) in contact with the substrate. Yu et al. does not disclose or suggest the formation of a trench wall over the function layer, nor the regions of function layer material below the wall which have reduced dopant concentration compared to the other portions of the function layer.

For the above reasons, applicants submit that the claims are patentable over the prior art of record and that the application is in condition for allowance. Such allowance is earnestly and respectfully solicited.

Respectfully submitted,
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